

**PCT**

**NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES**

(PCT Rule 47.1(c), first sentence)

Date of mailing (day/month/year)  
03 June 2004 (03.06.2004)

To:

LLOYD, Barry, George, William  
Bt Group Legal Intellectual Property Department  
Holborn Centre  
8th Floor  
120 Holborn  
London EC1N 2TE  
ROYAUME-UNI

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Applicant's or agent's file reference  
A30237 WO

**IMPORTANT NOTICE**

International application No.  
PCT/GB2003/004996

International filing date (day/month/year)  
18 November 2003 (18.11.2003)

Priority date (day/month/year)  
18 November 2002 (18.11.2002)

Applicant

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY et al

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

AU, AZ, BY, CH, CN, CO, DZ, EP, HU, JP, KG, KP, KR, MD, MK, MZ, RU, TM, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE, AG, AL, AM, AP, AT, BA, BB, BG, BR, BZ, CA, CR, CU, CZ, DE, DK, DM, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN, IS, KE, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MG, MN, MW, MX, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, SC, SD, SE, SG, SK, SL, SY, TJ, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on  
03 June 2004 (03.06.2004) under No. WO 2004/047455

4. **TIME LIMITS for filing a demand for international preliminary examination and for entry into the national phase**

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 30 MONTHS from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of 19 months from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a demand for international preliminary examination, see the *PCT Applicant's Guide*, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO  
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## INTERNATIONAL SEARCH REPORT

Rec'd PCT/ISA 11 MAY 2005

International Application No

PCT/GB 03/04996

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N7/50 H04N7/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FURINI, MARCO ET AL: "Real-Time Traffic Transmissions Over the Internet" IEE TRANSACTIONS ON MULTIMEDIA, vol. 3, no. 1, March 2001 (2001-03), – March 2001 (2001-03) pages 33-40, XP002273256 USA cited in the application page 34, right-hand column, line 3 – page 34, right-hand column, paragraph A. ----- -/-	1,12-19
A	-----	2-11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

11 March 2004

Date of mailing of the International search report

26/03/2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/04996

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	RAY-I CHANG ED - TAKIZAWA M: "Dynamic window-based traffic-smoothing for optimal delivery of online VBR media streams" PARALLEL AND DISTRIBUTED SYSTEMS, 2000. PROCEEDINGS. SEVENTH INTERNATIONAL CONFERENCE ON IWATE, JAPAN 4-7 JULY 2000, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 4 July 2000 (2000-07-04), pages 127-134, XP010504391 ISBN: 0-7695-0568-6	1,12-19
A	page 128, right-hand column, paragraph 2. - page 129, right-hand column, paragraph 3. -----	2-11
A	ASSUNÇÃO P A A ET AL: "Transcoding of single-layer MPEG video into lower rates" IEE PROCEEDINGS: VISION, IMAGE AND SIGNAL PROCESSING, INSTITUTION OF ELECTRICAL ENGINEERS, GB, vol. 144, no. 6, 19 December 1997 (1997-12-19), pages 377-383, XP006009073 ISSN: 1350-245X page 377, left-hand column, paragraph 1. - page 377, right-hand column, paragraph 2. -----	1-19
P,A	KARCZEWCZ M ET AL: "THE SP- AND SI-FRAMES DESIGN FOR H.264/AVC" IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE INC. NEW YORK, US, vol. 13, no. 7, July 2003 (2003-07), pages 637-644, XP001051192 ISSN: 1051-8215 page 638, left-hand column, paragraph A - page 639, left-hand column, paragraph B. -----	1-19